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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/745,925

12/21/2000

George L. Eldridge

D/A0640

2868

7590

08/13/2004

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EXAMINER

EBRAHIMI DEHKORDY, SAEID

ART UNIT

PAPER NUMBER

2626

DATE MAILED: 08/13/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

09/745,925

**Applicant(s)**

ELDRIDGE ET AL.

**Examiner**

Saeid Ebrahimi-dehKordy

**Art Unit**

2626

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1 and 2 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1 and 2 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____.  |

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claim1 is rejected under 35 U.S.C. 102(b) as being anticipated by Campbell et al (U.S. patent 5,611,024)

Regarding claim 1 Campbell et al disclose: In a printer which has a fast and a slow scan direction and prints an image of pixels on a page (please note column 6 lines 32-48 and specifically lines 42-48 where the image of the pixel of the page is scanned and printed) a method of compressing shifting in the slow scan direction and printing an image comprising the steps of:

compressing the image data into independent strips which are a full page in the fast scan dimension (please note column 20 lines 65-67 and column 21 lines 1-17 and specifically 12-17 where the compressed band or (strips) are scanned) and a number of scan lines in the slow scan direction (please note column 8 lines 5-19) shifting the image by either adding or deleting compressed blank strips before or after the image in the slow scan direction (please note column 20 lines 54-64 where the compression unit 104 adds the margin a white space or (blank line)) decompressing the compressed image into scanlines of pixels and printing the page (please note column 6 lines 38-48

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where the compressed data is decompressed and send as a row of pixels to be printed).

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Campbell et al (U.S. patent 5,611,024) in view of Collard et al (U.S. patent 6,681,085)

Regarding claim 2 campbell et al do not quite teach: The process of printing a booklet from a number n of sheets of paper comprising the steps of: printing two page images on each side of each sheet, folding the sheets in half to form a booklet having 4n pages, and trimming the outside edges of all pages to a uniform distance from the fold, and wherein the method of printing and shifting of Claim 1 is used to shift the pages so that all page images are a uniform distance to the trimmed edge. On the other hand Collard et al teach: The process of printing a booklet from a number n of sheets of paper comprising the steps of: printing two page images on each side of each sheet (please note column 1 lines 10-13 also note column 3 lines 61-67 and column 4 lines 1-4) folding the sheets in half to form a booklet having 4n pages (please note column 2 lines 40-60) and trimming the outside edges of all pages to a uniform distance from the fold (please note column 6 lines 16-21) and wherein the method of printing and shifting

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of Claim 1 is used to shift the pages so that all page images are a uniform distance to the trimmed edge.

Therefore it would have been obvious to a person of ordinary skill in art at the time of the invention to modify Campbell et al's invention according to the teaching of Collard et al, where Collard et al in the same field of endeavor teach trimmed pages are gathered and folded for purpose of making the booklets.

**Contact Information**

- Any inquiry concerning this communication or earlier communications from the examiner should be directed to *Saeid Ebrahimi-Dehkordy* whose telephone number is (703) 306-3487.

The examiner can normally be reached on Monday through Friday from 8:00 a.m. to 5:30 p.m. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly Williams, can be reached at (703) 305-4863.

**Any response to this action should be mailed to:**

Assistant Commissioner for Patents  
Washington, D.C. 20231

**Or faxed to:**

(703) 872-9306, or (703) 308-9052 (for **formal** communications; please mark  
"EXPEDITED PROCEDURE")

**Or:**

(703) 306-5406 (for **informal** or **draft** communications, please label  
"PROPOSED" or "DRAFT")

**Hand delivered responses** should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

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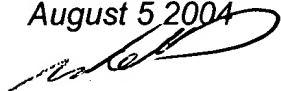
Any inquiry of a general nature or relating to the status of this application should be directed to the Group Receptionist whose telephone number is (703) 305-4750.

*Saeid Ebrahimi-Dehkordy*

*Patent Examiner*

*Group Art Unit 2626*

*August 5 2004*



**KIMBERLY WILLIAMS  
SUPERVISORY PATENT EXAMINER**